

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1759	digital adj camera and pixel near locat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:18
L2	763	1 and (denois\$3 or smooth\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:18
L3	124	2 and sharpen\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:18
L4	33	3 and mosaic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:19
L5	33	4 and filter\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:19
L6	32	5 and color\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:19
L7	32	6 and (demosaic\$4 or interpolat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/09 11:21

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L8	26	7 and luminance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:22
L9	20	8 and chrominance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:25
L10	5	9 and bilateral	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:22
L11	4	10 and (divid\$3 or division)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/09 11:23

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| <u>#3</u> | ((denois* and sharpen*)<in>metadata) |
| <u>#4</u> | ((denois* and sharpen*)<in>metadata) |
| <u>#5</u> | ((mosaic* and demosaic*)<in>metadata) |
| <u>#6</u> | ((bilateral filter* and mosaic*)<in>metadata) |

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Masayoshi, T.; Toshihiro, N.; Akira, S.;
[Engineering in Medicine and Biology Society, 2004. EMBC 2004. Conference I Annual International Conference of the](#)
Volume 1, 2004 Page(s):1509 - 1512 Vol.2
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- 2. **A new wavelet-based approach to sharpening and smoothing of images i**
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Berkner, K.; Gormish, M.J.; Schwartz, E.L.; Boliek, M.;
[Image Processing, 2000. Proceedings. 2000 International Conference on](#)
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- 3. **New concepts on denoising and sharpening of video signals**

Rieder, P.; Scheffler, G.;
[Consumer Electronics, IEEE Transactions on](#)
Volume 47, Issue 3, Aug. 2001 Page(s):666 - 671
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- 4. **Forward-and-backward diffusion processes for adaptive image enhancement denoising**

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- 7. Design of piecewise linear sharpeners**
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- 8. Adaptive parameter selection for improved fuzzy image enhancement**
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- 10. Histogram modification via partial differential equations**
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- 11. Image denoising using total least squares**
Hirakawa, K.; Parks, T.W.;
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Volume 15, Issue 9, Sept. 2006 Page(s):2730 - 2742
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- 12. The fuzzy transformation and its applications in image processing**
Yao Nie; Barner, K.E.;
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- 13. Digital zoom camera with image sharpening and suppression**
Weerasinghe, C.; Nilsson, M.; Lichman, S.; Kharitonenko, I.;
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- 16. Fingerprint image enhancement based on nonlinear anisotropic reverse-**
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- 18. Bilateral recovering of sharp edges on feature-insensitive sampled mesh**
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- 20. **Semi-fragile image authentication using generic wavelet domain features**
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- 22. **Combined Demosaicing and Adaptive Filtering on CFA Images**
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- 23. **An adaptive soft-morphological-gradient-filter-for-edge-detection**
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- 25. **Optimized fuzzy transformation for image deblocking**
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IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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- 26. Image approximation and smoothing by support vector regression**
Kai Tik Chow, D.; Tong Lee;
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- 27. Progress with an “all-wavelet” approach to image enhancement and de-r digital thorax radiographic images**
Bolet, J.-P.; Cowen, A.R.; Launders, J.; Davies, J.; Parkin, G.J.S.; Bury, R.F.;
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- 29. Geometrical and signal processing aspects using a bistatic hitchhiking radar**
Overrein, O.; Olsen, K.E.; Johnsrud, S.; Sornes, P.K.; Johnsen, T.; Navarro, J.; Stemland, R.O.;
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Wu, X.; Zhang, L.;

[Image Processing, IEEE Transactions on](#)
Volume 15, Issue 10, Oct. 2006 Page(s):3138 - 3151
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2. Primary-consistent soft-decision color demosaicing for digital cameras

Xiaolin Wu; Ning Zhang;
[Image Processing, IEEE Transactions on](#)
Volume 13, Issue 9, Sept. 2004 Page(s):1263 - 1274
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3. Binary Tree-based Generic Demosaicing Algorithm for Multispectral Filter

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IEEE STD IEEE Standard

4. Temporal color video demosaicking via motion estimation and data fusion

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[Circuits and Systems for Video Technology, IEEE Transactions on](#)
Volume 16, Issue 2, Feb. 2006 Page(s):231 - 240
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- 7. Color demosaicking via directional linear minimum mean square-error es**
Lei Zhang; Xiaolin Wu;
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- 8. A MMSE estimate for demosaicking**
Trussell, H.J.;
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- 9. Super-resolution sharpening-demosaicking method for removing image blur caused by an optical low-pass filter**
Komatsu, T.; Saito, T.;
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Trussell, H.J.; Hartwig, R.E.;
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- 12. Low-complexity linear demosaicing using joint spatial-chromatic image processing**
Portilla, J.; Otaduy, D.; Dorronsoro, C.;
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- 13. Projective demosaicing using multiple overlapping images**
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- 14. The design and evaluation of a generic method for generating mosaicked filter arrays**
Lidan Miao; Hairong Qi;
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- 15. Lossless compression of color mosaic images**
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- 16. The impulse responses of block shift-invariant systems and their use for algorithms**
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- 17. Demosaicing using optimal recovery**
Muresan, D.D.; Parks, T.W.;
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- 18. Direct super-resolution and registration using raw CFA images**
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